

1/18

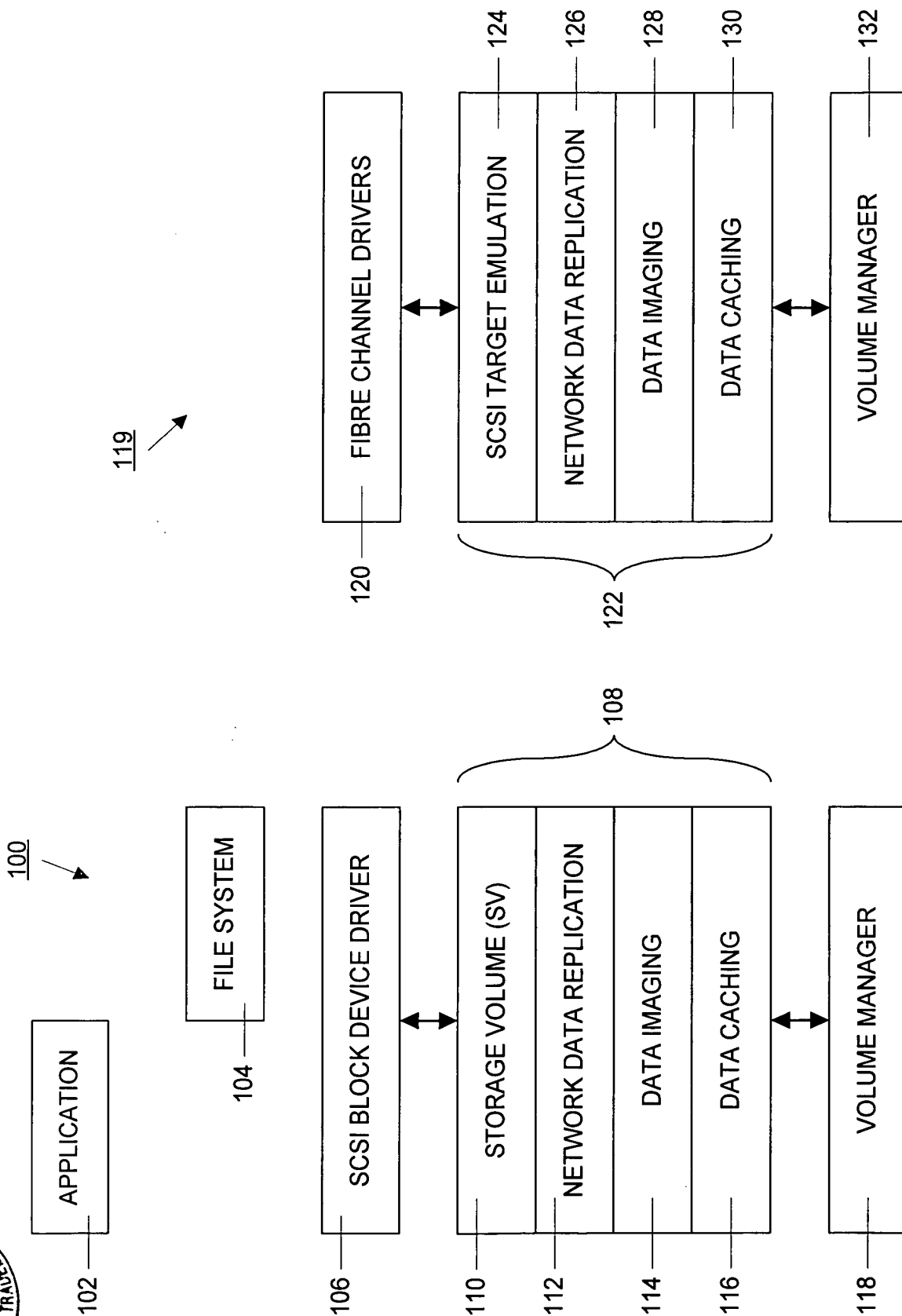
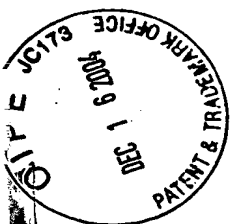


FIG. 1B

FIG. 1A



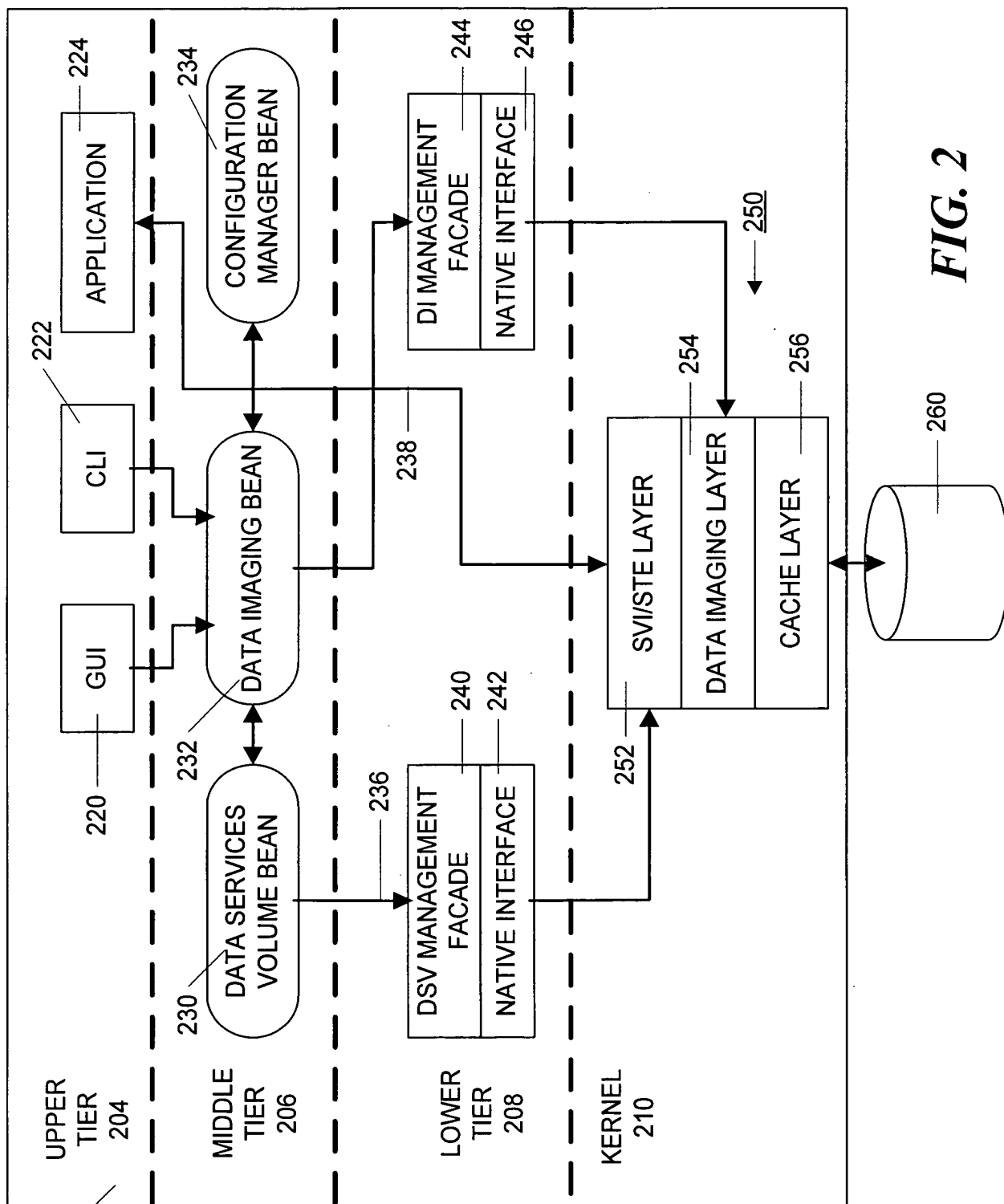


FIG. 2

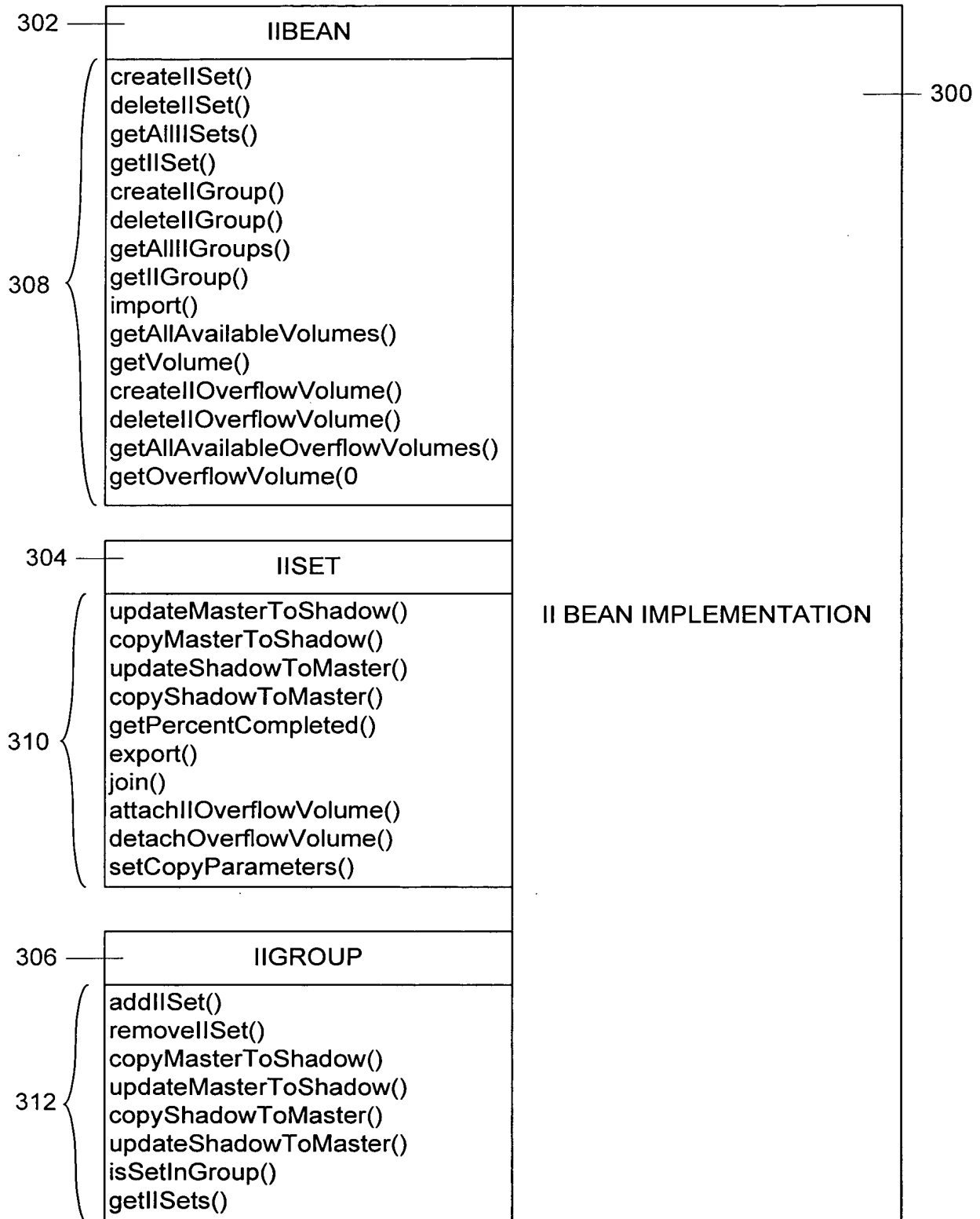




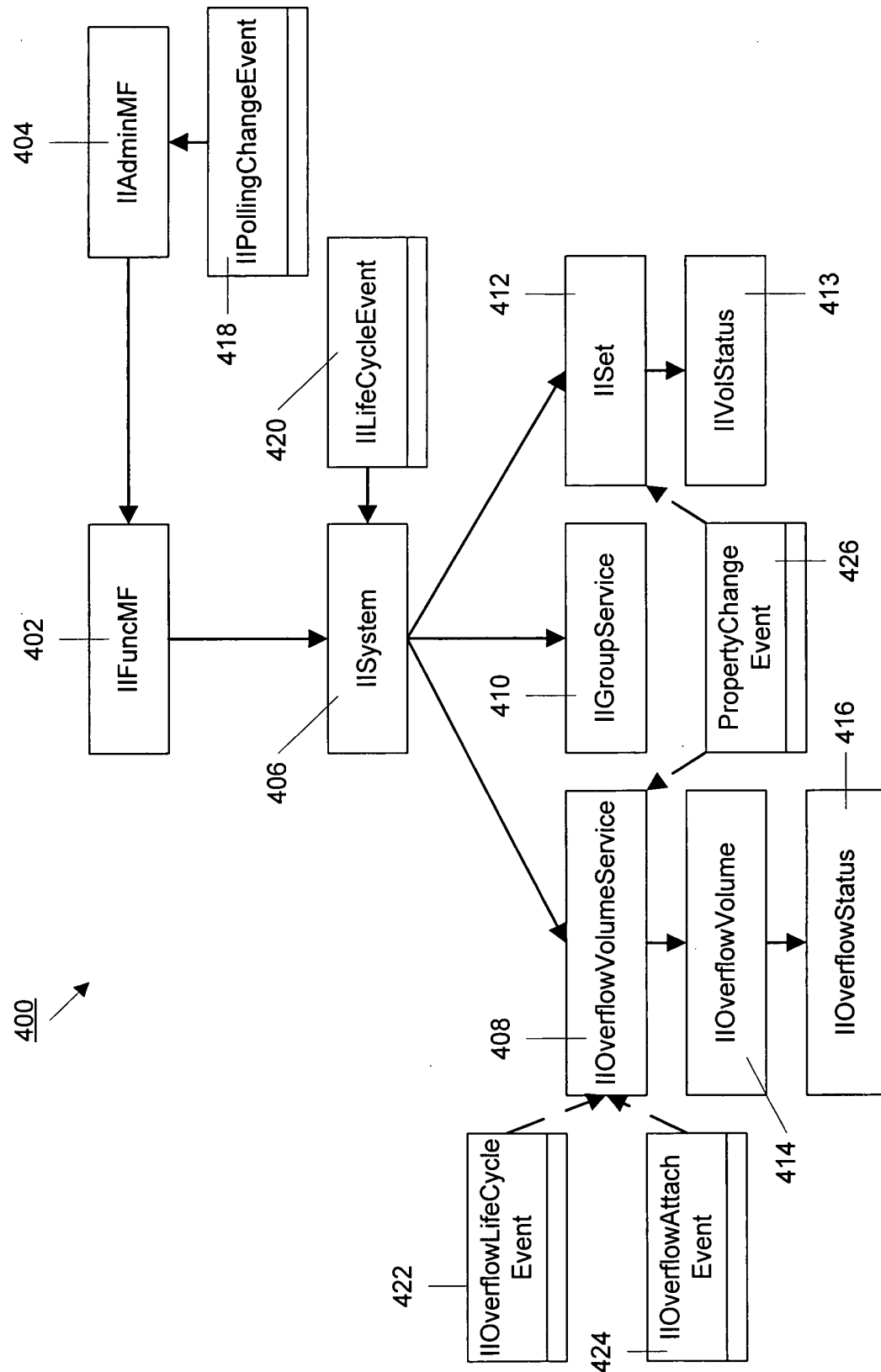
Title: METHOD AND APPARATUS FOR MANAGING DATA IMAGING IN A DISTRIBUTED  
Inventor: M. Musante et al.  
Filing Date: September 21, 2001  
Serial No: 09/960,122  
Docket No: P5984

Customer No. 021127

3/18



**FIG. 3**

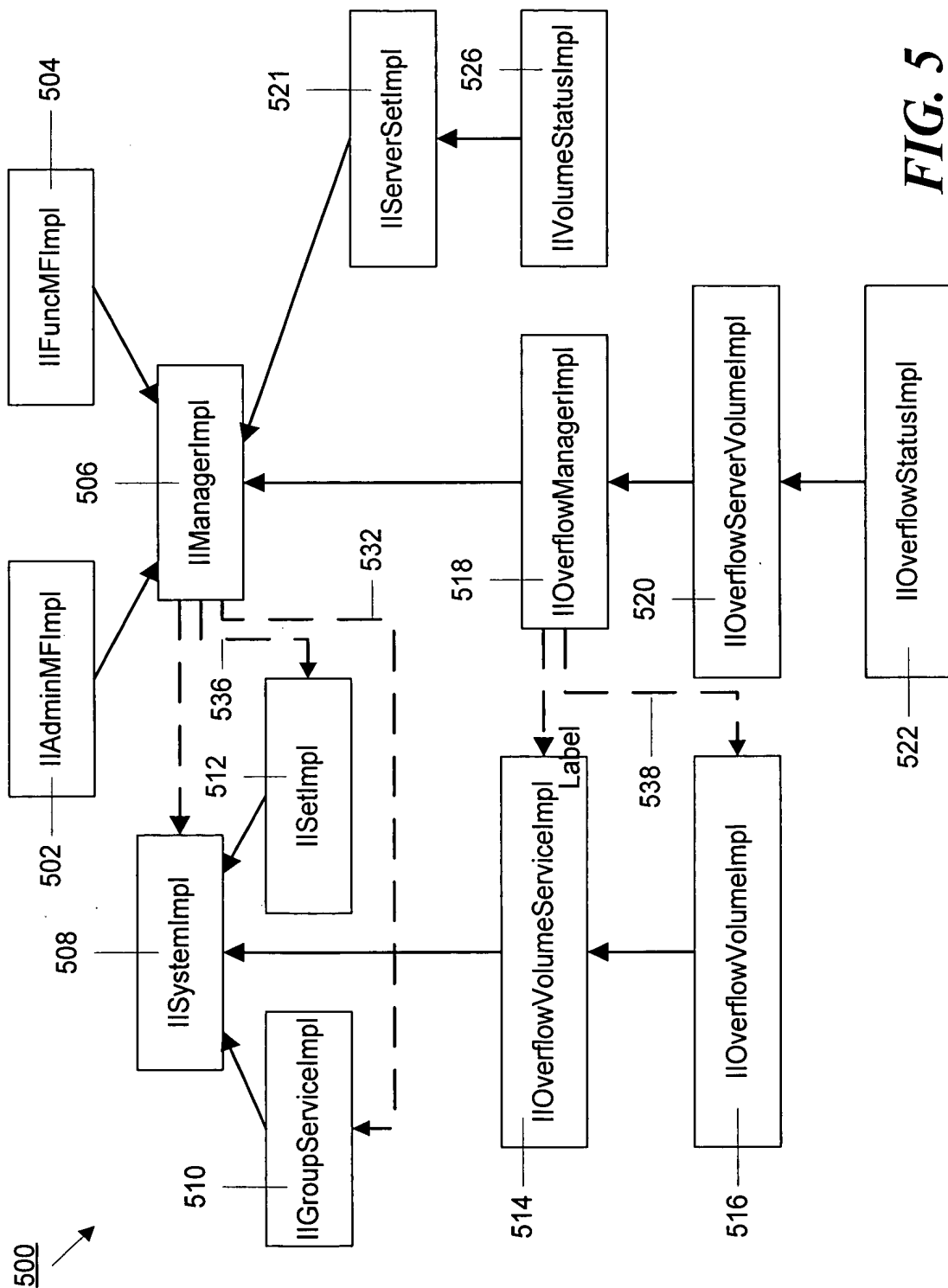


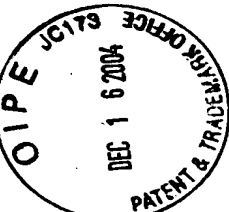


Title: METHOD AND APPARATUS FOR MANAGING DATA IMAGING IN A DISTRIBUTED  
Inventor: M. Musante et al.  
Filing Date: September 21, 2001  
Serial No: 09/960,122  
Docket No: P5984

Customer No. 021127

5/18





600
StorEdge Data Services Console: Solaris Management Console 2.0 EA
☐

Console Exit View Go Help

Navigation

- StorEdge Data Service Console
- Data Service Stations
  - Station 0
    - Data Service Volumns
    - Data Service Cache
    - Instant Image
    - Network Data Orepletor
    - Station 1
    - Station 2

Name	Type	State	Operational Stat.	Synchronized(%)
MySet1	INDEPENDENT	ENA	New	100
MySet2	INDEPENDENT	COP	Start Copy	80
MyGroup	INDEPENDENT	COP	Start Update Abort	
			Copy to Shadow	
			Copy to Master	
			Delete	
			Properties	

632

630

634

640

636

616

Information

This tool allows you to manage your instant image data service

Instant image

Context Help Console Log

0 Item(s)

FIG. 6



700

702

**Set Properties**

**Config** **Status**

**Set Name:**

704 **MySet**

**Type**

☒ Independent } 708  
☐ Dependent } 718

**Master Volume**

710 **Pathname:** **/dev/rdisk/c0t0d0s0** 712

**Capacity:** **??**

716 **Select Volume...** 714

**Overflow Volume**

☐ **Attach an overflow volumn** 720

**Pathname:** 722

**Capacity:** 724

**Select Volume...** 726

**Shadow Configuration**

730 ☒ **Volume (recommended)**

732 ☐ **File**

734 **Pathname:** **/dev/rdisk/c0t0d0s1**

736 **Capacity:** **??**

738 **Select Volume...**

**Path:** 740

**Select File...** 742

**Bitmap Configuration**

750 ☒ **Volume (recommended)**

752 ☐ **File**

754 **Pathname:** **/dev/rdisk/c0t0d0s2**

756 **Capacity:** **??**

760 **Select Volumne...**

**Path:** 762

**Select File...** 764

**OK** **Cancel**

780 782

**FIG. 7**

8/18



800

804

806

802

803

**Set Properties: MySet**

Name   Type:

☒ Config ☐ Status

**Master Volume**

808

Pathname:

Capacity:

Type:

**Shadow Volume**

812 814 810

Pathname:

Capacity:

Type:

**Overflow Volume**

816 818 820

Pathname:

Capacity:

Type:

**Bitmap Volume**

822

Pathname:

Capacity:

Type:

824 826

**FIG. 8**



9/18

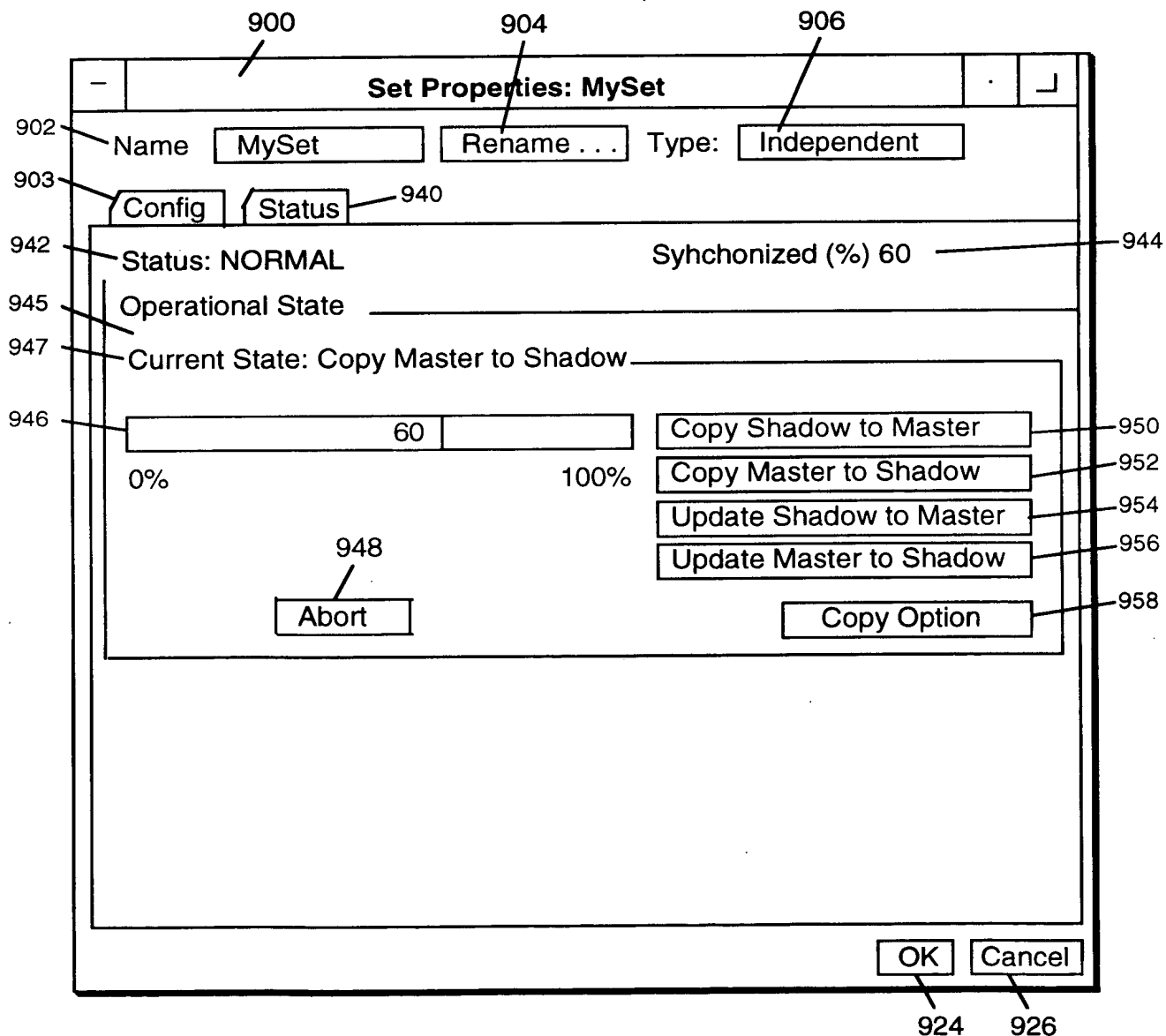


FIG. 9

10/18



Group Configuration

1002 Config 1000 Status

1004 Group Name  
My Group

Type  
☐ Independent  
☐ Dependent } 1006

Member Sets:

Name	Operational Status	State
Set1	NORMAL	ENABLE
Set 2	NORMAL	ENABLE

1010 1012 1014

1008

1016 Add 1018 Remove 1020 Properties

924 OK 926 Cancel

FIG. 10

11/18



1100

Available Set		
Name	Operational...	State
Set1	NORMAL	ENABLE
Set2	NORMAL	ENABLE

1102

1104 1106 1108

OK Cancel

1110 1112

FIG. 11

12/18



1200

1206

1204

Group Properties: MyGroup

1202 Name: My Group Type: Independent

1203 Config Status

Member Sets:

Name	Operational	State	Synchroniz...	Overflow/A...
Set1	NORMAL	COPYING	75	
Set 2	NORMAL	UPDATING	80	

1210 1212 1214 1216 1218

1208

1220 1222 1224

Add Remove Properties

Attach Overflow... 1226

Detach Overflow 1228

OK Cancel 1230 1232

FIG. 12

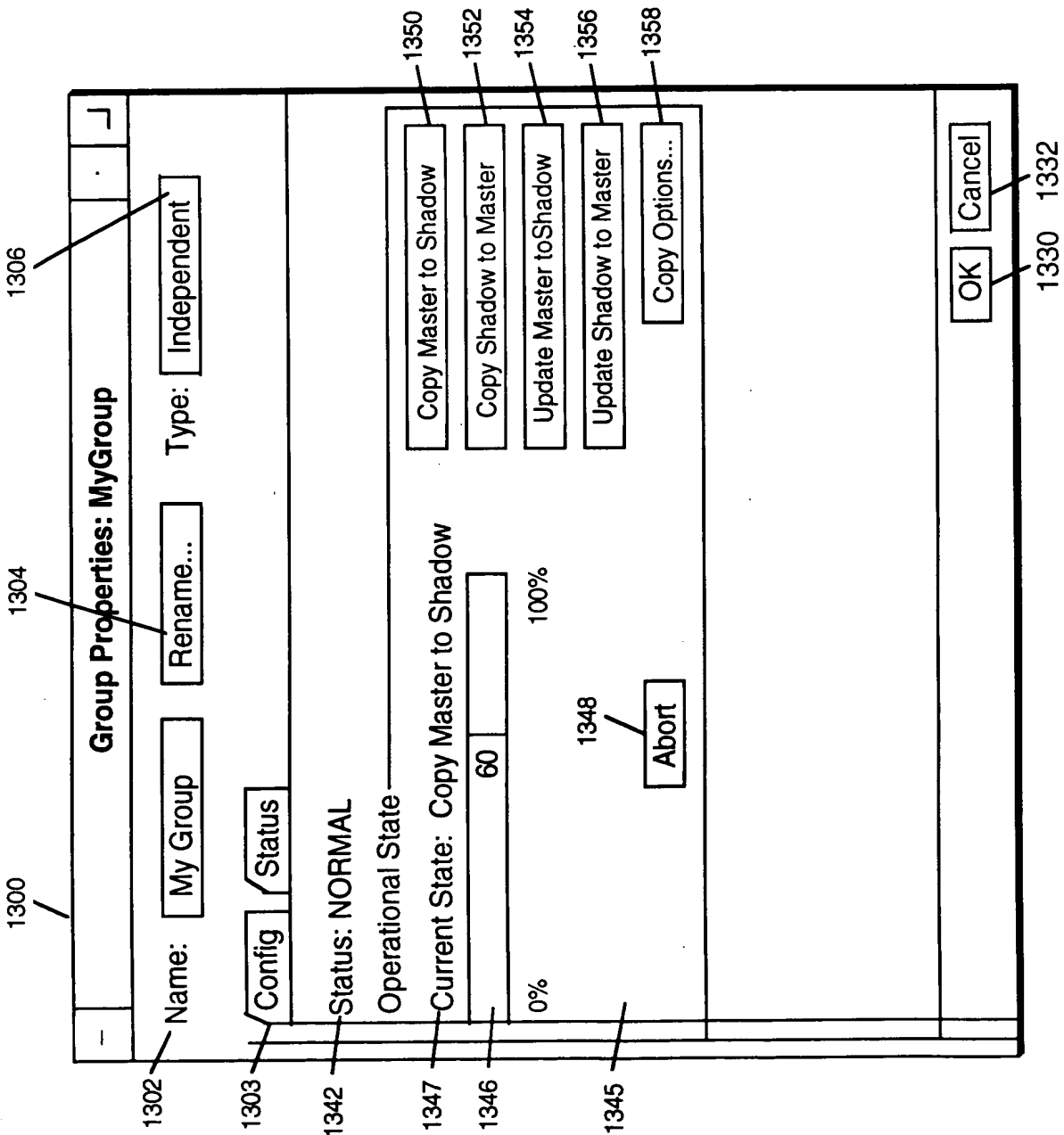
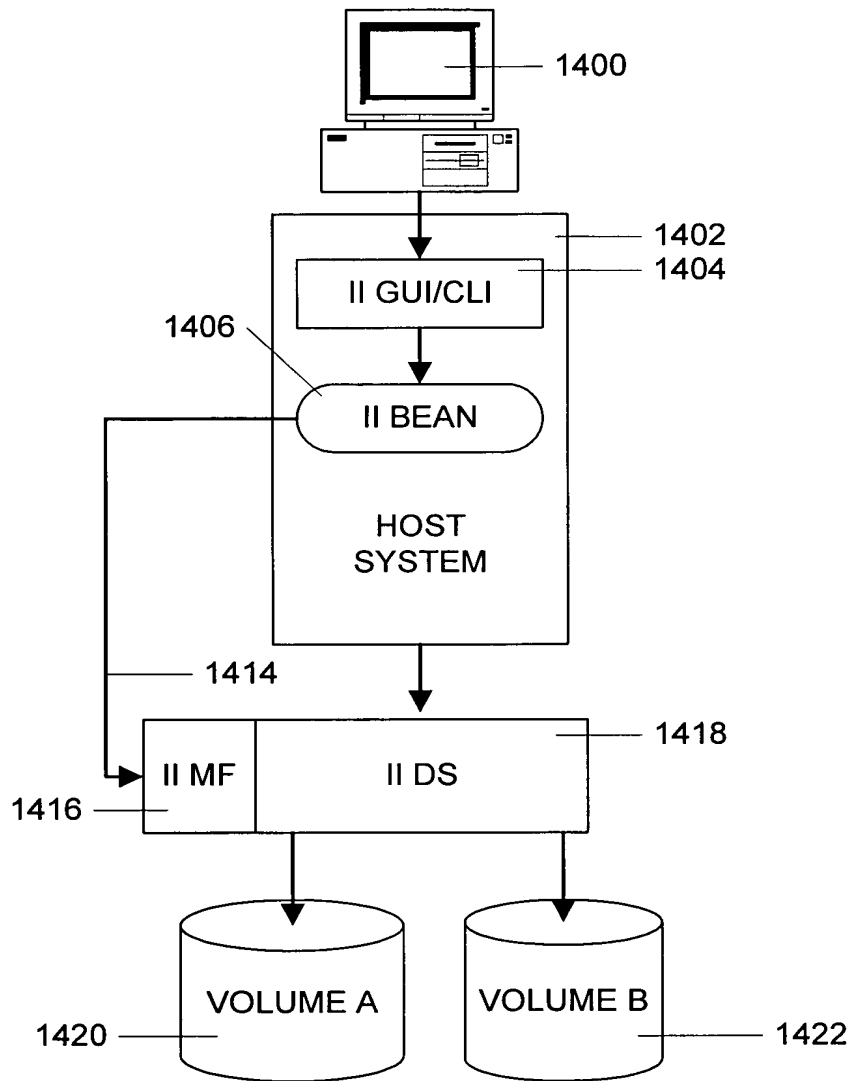
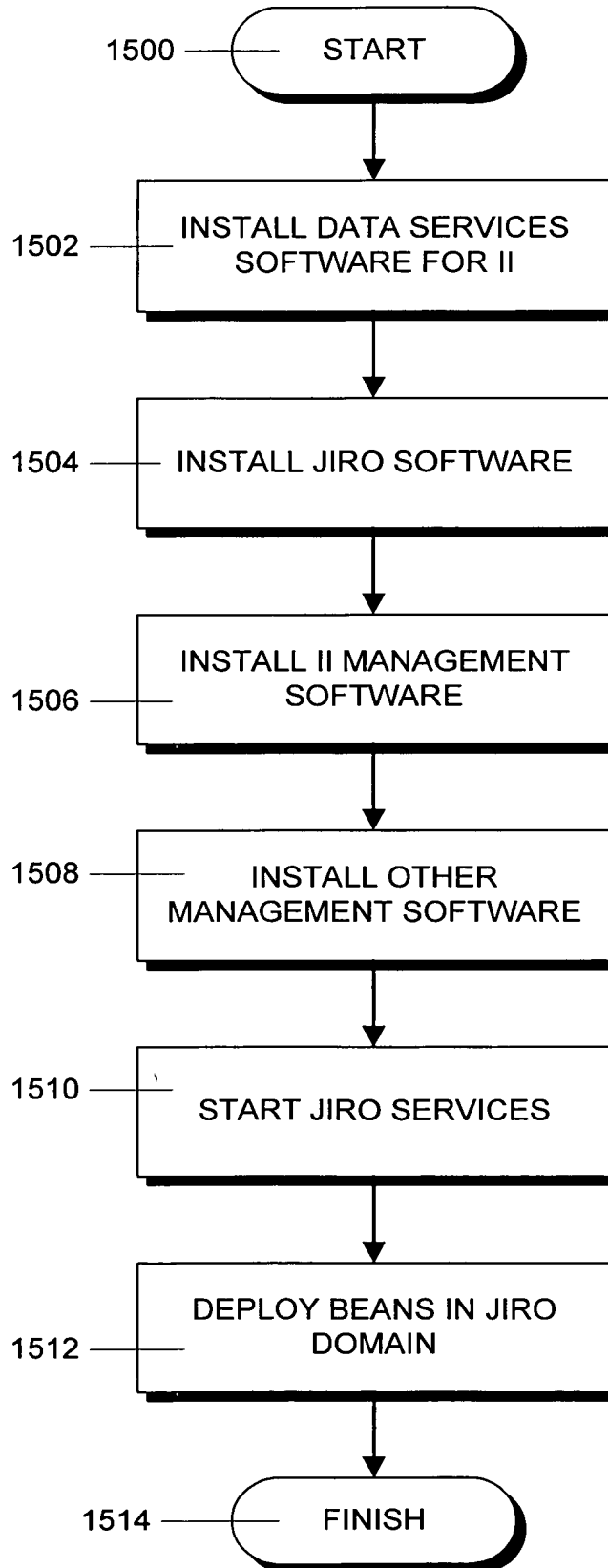


FIG. 13

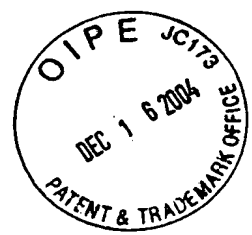


**FIG. 14**

15/18

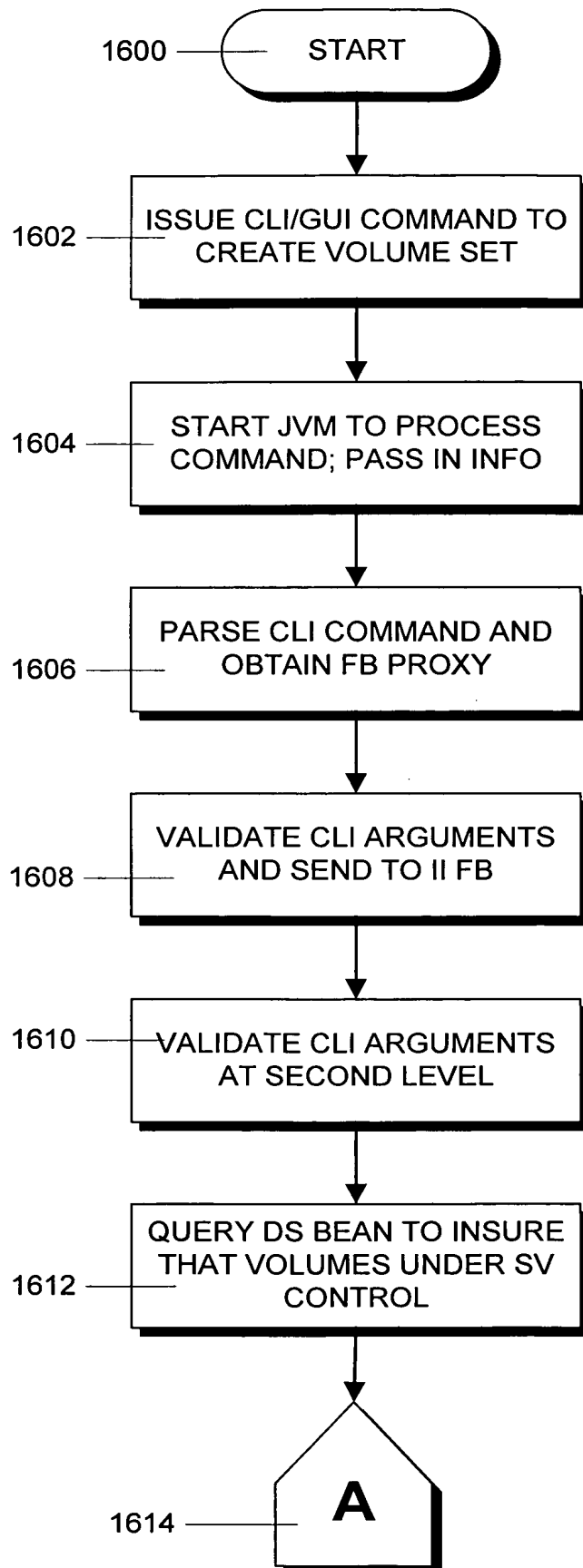


**FIG. 15**





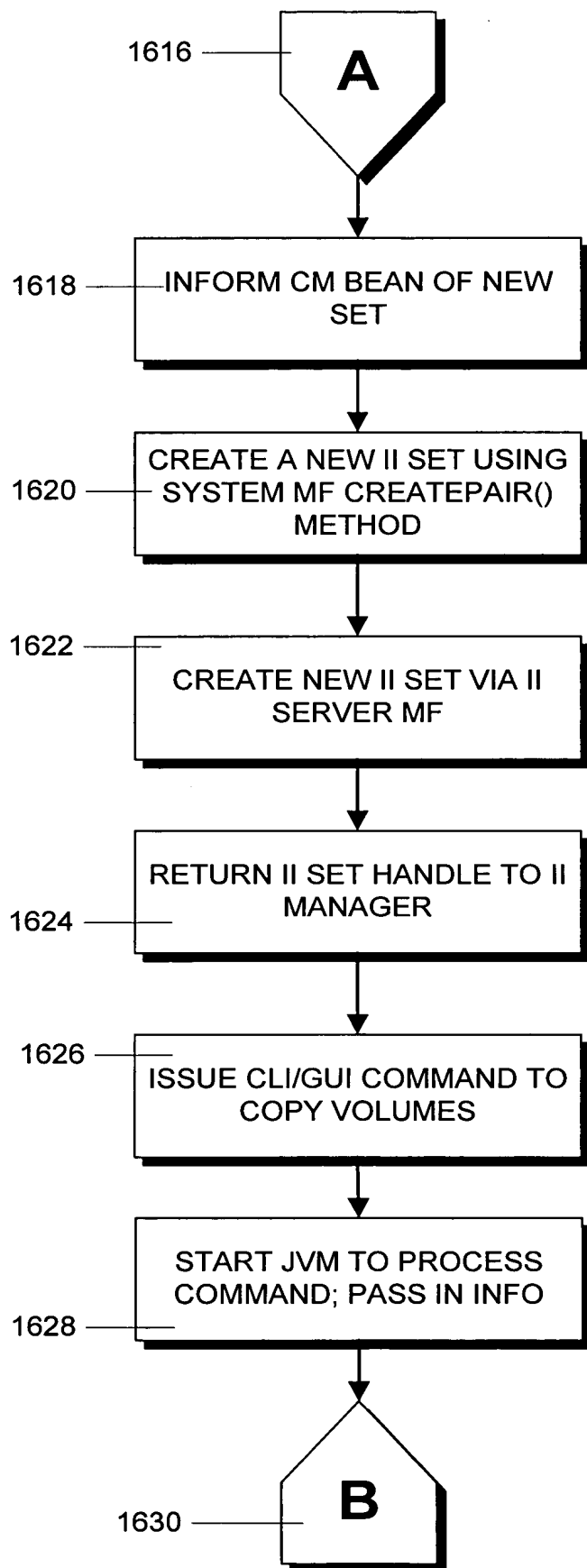
16/18



**FIG. 16A**

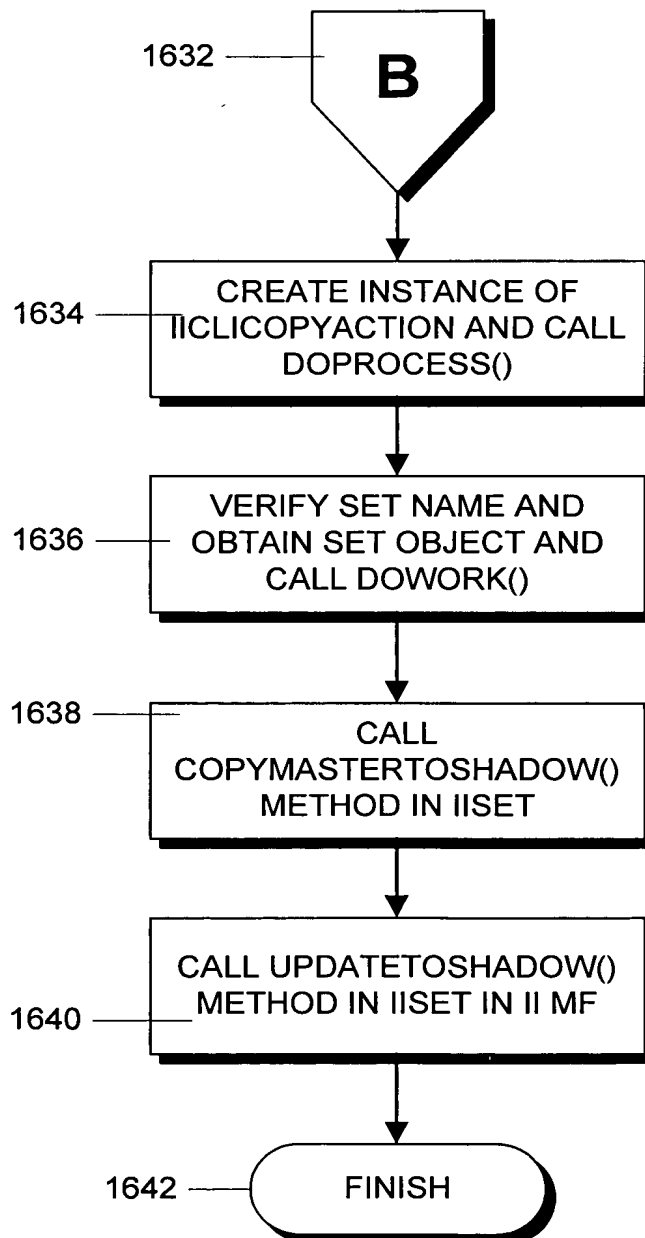


17/18



**FIG. 16B**





**FIG. 16C**